

CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD
SAN FRANCISCO BAY REGION

ORDER NO. 71-13

WASTE DISCHARGE REQUIREMENTS
FOR
CITY OF MILL VALLEY, MARIN COUNTY

The California Regional Water Quality Control Board, San Francisco Bay Region, finds that:

1. This Regional Board prescribed requirements for the City of Mill Valley, called the discharger below, in Resolution No. 732 adopted March 17, 1966. The City provides sewerage service to Alto Sanitary District, Kay Park Sewer Maintenance District, Almonte Sanitary District and Homestead Valley Sanitary District.

2. The discharges include:

Waste "A" is 1.7 mgd of sewage only, in dry weather, from 16,000 people through a 30-inch outfall, four feet below mean lower low water into the upper end of Richardson Bay. Design capacity of the treatment plant is 1.8 mgd for a population of 18,000 people.

Waste "B" is wet-weather untreated sewage from overflowing manholes or bypasses to Richardson Bay or its tributaries within the total sewer service area.

3. The Board adopted a water quality control plan for tidal waters inland from the Golden Gate and within the San Francisco Bay Region on March 26, 1970.

4. The beneficial uses of Richardson Bay are:

Swimming, water-skiing, wading, pleasure boating, marinas, fishing and shellfishing

Fish, shellfish, and wildlife propagation and sustenance, and waterfowl and migratory birds habitat and resting

Navigation channels

Esthetic appeal.

5. Land within 1000 feet of the point of discharge for waste "A" is used for transportation, business, residence and recreation. About 100 feet from the outfall is a boat dock where canoeing and sailing in small boats is taught. The City plans to construct a park in the area with a recreation building and marina.
6. The Board has notified the discharger and interested agencies and persons of its intent to prescribe waste discharge requirements for the discharge.

7. The Board in a public meeting on February 25, 1971 heard and considered all comments pertaining to the discharge.

IT IS HEREBY ORDERED, the discharger shall comply with the following:

A. Waste Discharge Requirements

1. The treatment or disposal of waste shall not create a nuisance as defined in Section 13050(m) of the California Water Code.

2. Waste "A" shall not cause:

- a. Floating, suspended, or deposited macroscopic particulate matter or foam, in waters of the State at any place;
- b. Bottom deposits or aquatic growths at any place;
- c. Alteration of temperature, or apparent color beyond present natural background levels in waters of the State at any place;
- d. Visible, floating, suspended or deposited oil or other products of petroleum origin in waters of the State at any place;
- e. Waters of the State to exceed the following limits of quality at any point:

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| Dissolved oxygen | 5.0 mg/l minimum |
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When natural factors cause lesser concentrations then this discharge shall not cause further reduction in the concentration of dissolved oxygen.

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| Dissolved sulfide | 0.1 mg/l maximum |
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| Nutrients | 50 ug chlorophyll/l |
| | When background levels exceed this requirement then this discharge shall not add further nutrients. |

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| Other substances | any one or more substances in concentrations that impair any of the protected beneficial water uses or make aquatic life or wildlife unfit or unpalatable for consumption. |
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3. Waste "A" as discharged or at some point in the treatment process shall meet the following quality limits at all times:

- a. The waste shall meet quality requirements equivalent to those which would result from conformance with Section 8047 of Title 17, California Administrative Code.

- b. Coliform Organisms 2.2 MPN/100ml, moving median of seven consecutive daily samples maximum

4. Waste "A" as discharged to waters of the State shall meet these quality limits at all times:

a. In any grab sample:

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| pH | 7.0 minimum |
| | 8.5 maximum |

b. In any representative 24-hour composite sample:

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| (1) Turbidity | 10 units, maximum |
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| (2) 5-day BOD | 5 mg/l, median for any thirty day period |
| | 10 mg/l, maximum |

c. In any representative set of samples:

Toxicity: Survival of test fishes in 96-hour bioassays of the waste as discharged

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| Any determination | 70% minimum |
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Average of any three or more consecutive determinations made during any 21 or more days

90% minimum

5. The mean daily flow of Waste "A" for any month shall not exceed 1.8 mgd.

6. The bypassing of untreated sewage, Waste "B", is prohibited.

B. Provisions

1. This Order includes items numbered 1, 3, 4, 6 and 7 of the attached "Reporting Requirements" dated August 28, 1970.
2. This Order rescinds Resolutions Nos. 785 and 732.
3. This Order includes items numbered 1, 2, 3, 4, 5, 6 and 7 of the attached "Notifications" dated January 6, 1970.
4. This Order notifies the discharger that more restrictive requirements than the above may be imposed for the protection of shellfishing when information on the dispersion characteristics of the District's waste discharge becomes available.

I, Fred H. Dierker, Executive Officer, do hereby certify the foregoing is a full, true, and correct copy of an order adopted by the California Regional Water Quality Board, San Francisco Bay Region, on February 25, 1971

Executive Officer